



United States Department of the Interior  
National Park Service  
**National Center for Preservation Technology and Training**  
645 College Avenue  
Natchitoches, Louisiana 71457



March 3, 2004

**SUMMER UNDERGRADUATE INTERNSHIP ANNOUNCEMENT**  
**In Materials Testing— Vitrification Study**

Applications are invited from qualified candidates for an undergraduate internship at the National Center for Preservation Technology and Training (NCPTT). NCPTT is an office of the National Park Service located on the campus of Northwestern State University (NSU) in Natchitoches, Louisiana. A ten-week internship will be available pending availability of funding. The position will begin June, 2004. The intern will be a short-term employee of Northwestern State University. Compensation will be based on experience, including academic experience.

NCPTT is an interdisciplinary research facility that serves the historic preservation community nationwide. NCPTT's current work includes the fields of historic architecture, archeology, historic landscapes, and objects and materials conservation.

**Tasks and Duties**

The intern will undertake evaluate the application of vitrification to terrazzo floors and will work closely with NCPTT staff. The work will include evaluating sample preparation, instrumental analysis and working as part of a team on the project. In-house testing may include FTIR analyses, color measurement, strength testing, artificial aging, and laser profilometry, among others.

**Qualifications**

Demonstrated laboratory skills are required. Knowledge of artificial weathering instrumentation is preferred. Past coursework including geology, organic chemistry, analytical chemistry, or physics would be helpful to the successful applicant. All applicants must be accepted to or currently enrolled at a four-year college in a physical science or materials science program (i.e. chemistry, physics, etc.).

To apply, send a letter of interest that includes the dates that the candidate would be available for work at NCPTT (between June 1, 2004 and August 15, 2004), resume, and a current transcript, to Mary F. Striegel, National Center for Preservation Technology and Training, 645 College Avenue, Natchitoches, Louisiana, 71457. Applications will be accepted through March 24, 2004. For more information, call 318/356-7444, fax 318/356-9119 or e-mail: [mary\\_striegel@nps.gov](mailto:mary_striegel@nps.gov).

The National Park Service and Northwestern State University are Affirmative Action/Equal Opportunity Employers. Women, minorities, and individuals with disabilities are encouraged to apply.